AU Preset Management

Goals

- **Where are/have presets been used**

  - Which AU hosts

    - The user can select tags to produce reports detailing which AU host apps have used which presets on their device

  - Which Projects

    - User reports similar to above by project.

- **Determine preset compatibility**

  - iOS version

    - AU specs supported on a particular iOS version

  - iOS device

    - Differences between devices on what AU specs are supported

  - AU update version

    - AU control parameters change

    - AU processes AU host controls differently

  - AU host

    - AU hosts can vary in how they control AU apps

      - AU app may have controls AU host doesn't provide

      - Differences between AU host app updates

      - AU host app may not support all AU specs the AU app was created with.

  - Combinations of the above factors

    - Automatically compile information associated with the version numbers of various above to answer user questions.

      - e.g. Which projects have presets that aren't compatible and why?

- **Preset sharing**

    - User Level

        - Presets used for group projects

            • e.g. Band projects

        - Presets associated with specific setups

            • e.g. Using a particular set of hardware controllers and interfaces

        - Presets for particular projects

            • e.g. Creating an album

        - Transfer presets between devices

    - AU developer

        - Automatically adds AU host control information to the AU host preset management system.

        - Document changes to AU app

            • e.g. a section of an AU synth app has been recoded so that it will sound different even if it receives the same AU host control information.

        - Factory presets

            • tags associated with factory presets

    - Preset developer

        - Contact information

        - Set Information

            • e.g. presets are distributed together as a collection of presets

            • e.g. Genre of music or hardware controller information.

        - Version compatability information

            • e.g. which version of the AU app was the preset created for? The user will be able to produce a report which lists compatible iOS versions, iOS devices, and AU host apps.

            • e.g. Sets of presets for setups using multiple AU app and AU host setups.

- **Perform actions on user preset selections**

  - The user will configure preset settings and/or use tags to filter their preset search and have the options to do the following:

    - Presets appear in the preset selection menu of the AU app within the AU host.

    - Import/Export

    - Delete selected presets

    - Create, delete, or assign a tag for selected presets

    - Archive selected presets

    - Assign a security option (see below)

- **Optional participation in preset management**

  - If users have no interest in using a preset management system they can continue to select presets as they currently do.

  - Users can configure which AU preset options they want to use.

- **Security Options for Presets**

  - Password Controls

    - Configure if a password is needed to access presets

    - Configure if preset information is included in project files

  - Lock Protection

    - Configure which preset management actions are possible

      - e.g. you setup the preset management system so that you will not be allowed to delete apps or presets used in the current studio project.

  - Warnings

    - Configure when and how you will be given warnings when you attempt to take specific actions.

      - e.g. You have a current album you're working on so you receive a warning when any changes to presets, apps, or iOS may effect the album. There will be options or messages available to explain/guide the decision making process from there.

- **Log preset usage information**

  - The user will be able to configure what information, if any, is logged into the AU preset management system. Typical preset management use cases will be included with descriptions which the user can select and the relevant information will then be logged in. The user can create custom log preset configurations and add their descriptions.

    - Create a preset

    - Delete a preset

    - Modify a preset

    - import/export

    - Save or modify an AU host project which includes AU presets

    - Add/Delete a tag associated with a preset

    - Update iOS

    - Add/Delete an AU host app on the iOS device

    - Add/Delete an AU app on the iOS device